



MEMORANDUM
COMMUNITY DEVELOPMENT RESOURCE AGENCY
Building Services Division
County of Placer

TO: Board of Supervisors DATE: July 25, 2017

FROM: Steve Pedretti
Agency Director

BY: Jeff Thomas
Building Manager

SUBJECT: Resolution Ratifying the Fire Protection Code for the Foresthill Fire Protection District

ACTION REQUESTED

1. Adopt a Resolution ratifying Foresthill Fire Protection District's Ordinance No. 2017-02 (which adopts the 2016 California Fire Code, local amendments, and findings), and direct staff to transmit your determination to the District.

BACKGROUND

The California Fire Code establishes minimum standards for protection of life and property from fire, explosion, and hazardous materials release. Fire districts are authorized by law to enact stricter standards than those in state or local codes. In order to do so, a district's legislative body must adopt its own ordinance implementing the California Fire Code with amendments.

A fire district must also adopt findings of fact substantiating the need for changes or modifications due to local conditions. No such ordinance of a local fire district becomes effective unless or until it is ratified by the legislative body of the city or county where the ordinance will apply.

Health and Safety Code section 13869.7 outlines the procedure that a fire district must follow to gain ratification. Specifically, section 13869.7(c) requires a fire protection district to transmit its adopted ordinance to the county or city where the ordinance will apply. After transmittal, the legislative body of that county or city may ratify, modify, or deny an adopted ordinance and transmit its determination to the district within 15 days of the determination.

The Foresthill Fire Protection District is located within the boundaries of Placer County. On June 8, 2017 the Foresthill Fire Protection District's Board of Directors passed Ordinance No. 2017-02, adopting and amending the 2016 California Fire Code and setting forth its findings to support the amendments. These amendments consist of historical amendments and a few new amendments to further enhance public safety. The historical and new amendments are intended to provide greater protection to public health, safety, and welfare by addressing some of the unique topographic, geologic, and climatic conditions within the District.

For the purpose of reducing fire loss, improving fire life safety, and creating local fire district consistencies, the District adopted modifications to the 2016 California Fire Code that largely resemble the amendments Placer County adopted in its own ordinance.

The amendments were transmitted to the County and have been reviewed and approved as written by the Placer County Building Services Division. Copies have been attached for the Board's consideration.

RECOMENDATION

Based on the Building Services Division's review of Foresthill Fire Protection District's Ordinance No. 2017-02, staff recommends that the Board of Supervisors ratify the same by adopting the attached Resolution. Staff also requests that the Board direct staff to transmit a copy of the Resolution to the Foresthill Fire Protection District.

FISCAL IMPACT

There is no fiscal impact to the County with this matter. The Foresthill Fire Protection District's Fire Prevention Code is enforced by the Foresthill Fire Department and any appeals will go to the District's Board for resolution and enforcement.

ATTACHMENT

Attachment 1: Resolution ratifying Foresthill Fire Protection District's adoption and amendment of the 2016 California Fire Code.

Exhibit A: Ordinance No. 2017-02: An ordinance of the Foresthill Fire District repealing the 2013 California Fire Code and re-enacting the adoption of the 2016 California Fire Code.

Exhibit B: Foresthill Fire Protection District's boundary map.

ATTACHMENT 1

Before the Board of Supervisors County of Placer, State of California

In the matter of: Ratification of the Foresthill
Fire Protection District's Ordinance No. 2017-
02 adopting and amending the 2016 California
Fire Code

Resolution No.: _____

The following Resolution was duly passed by the Board of Supervisors of the County of
Placer at a regular meeting held _____, by the following
vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Chair, Board of Supervisors

Attest:

Clerk of said Board

WHEREAS, California Health and Safety Code section 13869.7 allows a fire protection district to adopt building standards relating to fire and panic safety that are more stringent than those building standards adopted by the State Fire Marshal and contained in the California Building Standards Code; and

WHEREAS, a fire protection district that proposes to adopt such an ordinance must also adopt findings that such changes or modifications are reasonably necessary because of local conditions in compliance with Health and Safety Code section 18941.5; and

WHEREAS, Health and Safety Code section 13869.7(c) requires the fire protection district to transmit the adopted ordinance to the county or city where the ordinance will apply; and

WHEREAS, Health and Safety Code section 13869.7(c) authorizes the legislative body of that county or city to ratify, modify or deny an adopted ordinance and transmit its determination to the district within 15 days of the determination; and

WHEREAS, no ordinance adopted by a fire protection district under Health and Safety Code section 13869.7 shall be effective unless or until it is ratified by the legislative body of the city or county where the ordinance will apply; and

WHEREAS, the Foresthill Fire Protection District is located within the boundaries of Placer County as depicted in Exhibit "B"; and

WHEREAS, on June 8, 2017 the Foresthill Fire Protection District's Board of Directors passed Ordinance No. 2017-02 adopting the 2016 California Fire Code with amendments and findings to support the amendments based on local conditions, attached hereto as Exhibit "A"; and

WHEREAS, the Foresthill Fire Protection District has transmitted a copy of Ordinance No. 2017-02 to the County; and

WHEREAS, this Board has considered Ordinance No. 2017-02 as attached hereto and wishes to ratify the same.

BE IT RESOLVED by the Board of Supervisors, County of Placer, State of California, that it hereby ratifies the Foresthill Fire Protection District's Ordinance No. 2017-02, adopting the 2016 California Fire Code with amendments, as set forth in Exhibit "A".

BE IT FURTHER RESOLVED, that this resolution shall be effective immediately.

Exhibit "A": Ordinance No. 2017-02: An ordinance of the Foresthill Fire District repealing the 2013 California Fire Code and re-enacting the adoption of the 2016 California Fire Code.

Exhibit "B": Foresthill Fire Protection District's boundary map.

EXHIBIT A

FORESTHILL FIRE PROTECTION DISTRICT ORDINANCE NO. 2017-02

AN ORDINANCE OF THE FORESTHILL FIRE DISTRICT REPEALING THE 2013 CALIFORNIA FIRE CODE AND RE-ENACTING THE ADOPTION OF THE 2016 CALIFORNIA FIRE CODE

SECTION 1 PURPOSE:

The purpose of this ordinance is to repeal Resolution Number 2017-02 and Ordinance No. 2017-01 in their entirety and re-enact Ordinance No. 2017-02, and adopt the State of California Building Standards Code Title 24, Part 9 (2016 California Fire Code), and Foresthill Fire District Fire Code Amendments to provide for the safeguarding of life and property from fire and explosion hazards and from conditions hazardous to life and property in the occupancy of buildings and premises in the Foresthill Fire District.

SECTION 2 FINDINGS:

In connection with the amendments enacted by this ordinance relating to the 2016 Edition of the California Fire Code and its appendices, the Foresthill Fire District Board of Directors makes the following findings pursuant to Health and Safety Code Section 13869, 13869.7 and 18941.5. Such changes are reasonably necessary because of local climatic, geological and/or topographical conditions. The Foresthill Fire District Board hereby adopts, pursuant to Section 18941.5 of the California Health and Safety Code, the following findings of fact:

CLIMATIC:

Climate has one of the greatest impacts to fire behavior and other major emergency events because it cannot be controlled. Average yearly rainfall for the Foresthill Fire District is approximately 18 inches and typically occurs from October to April. During summer months, there is generally no measurable precipitation. Temperatures for this dry period range from 70 to 112 degrees Fahrenheit frequently accompanied by light to gusty westerly and northerly winds. The relative humidity during the summer months ranges from two (2) to thirty (30) percent, which is considered arid. The Fire District contains thousands of acres of grasslands and woodlands. The drying out of combustible and flammable wild-land fuels in the summer months allows for easy ignition.

TOPOGRAPHICAL:

The Fire District is segmented by several topographical and physical features including rivers, freeways and rolling mountainous areas. These areas are difficult to access and create significant risks to fire spread.

GEOLOGICAL:

The District and surrounding Placer County are subject to ground tremors from seismic events as Placer County and the District are located within a seismically active area. Flooding has occurred in areas of the District that are adjacent to the numerous creeks and streams.

Whereas the International Code Council promulgates the International Fire Code, a nationally recognized compilation of rules and regulations. The International Code Council has conducted open code hearings that permit participation by National, State, and local code officials; as well as industry representatives, consultants, and other private parties with an interest in the International Fire Code.

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Whereas the International Fire Code has been printed and published as a Code in book form within the meaning of Section 50022.1 of the Government Code of the State of California.

Whereas under this adopting ordinance, specific amendments to building standards are more restrictive than those contained within the 2015 Edition of the International Fire Code with amendments as adopted by the California Building Standards Commission and published as the 2016 Edition of the California Fire Code.

Whereas these amendments within the California Fire Code have been recognized by the Foresthill Fire District to address the fire problems, concerns, and future direction by which the District can establish and maintain an environment that will afford an acceptable level of fire and life safety to all who live and work within its boundaries.

Whereas under the provisions of Section 18941.5 of the Health and Safety Code, local amendments are based on climatic, topographical and geological conditions.

Whereas the findings of fact contained herein address each of these situations and present the local situations, which, either singularly or in combination, cause the aforementioned amendments to be adopted.

Whereas it is clearly understood that the adoption of such amendments may not prevent the incidence of fire, the implementation of these various amendments to the Fire Code attempt to reduce the severity and potential loss of life, property and protection of the environment.

The Board of Directors of the Foresthill Fire District ordains as follows:

SECTION 3 ADOPTION OF THE CALIFORNIA FIRE CODE WITH AMENDMENTS

SHORT TITLE:

This chapter shall be known and cited as the "2016 California Fire Code" with Foresthill Fire District Amendments.

CALIFORNIA FIRE CODE-ADOPTED AND AMENDED

There is hereby adopted by the Board of Directors of the Foresthill Fire District for the purpose prescribing regulations governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises that certain code known as the 2016 Edition of the California Fire Code with amendments adopted by the California Building Standards Commission and published as the 2016 Edition of the California Fire Code, together with Appendices B, C, D, F, H, I and J; and all other chapters, supplements and errata save and except such portions as hereunder deleted, modified, or amended, is hereby adopted.

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ENFORCEMENT

The Fire Chief of the District is designated as the Chief Fire Official of the District. The Fire Chief and his/her designated Fire Marshal shall have all the powers of peace officers in enforcing the California Fire Code; pursuant to Section 830.37 of the California Penal Code. The Fire Marshal may issue orders, notices, and citations and make arrests for violations within the Foresthill Fire District; pursuant to Section 13870, 13871, 13872, 13872.5 and 13873 of the California Health and Safety Code.

DEFINITIONS:

- 1) Whenever the words "Fire Code" is used in this ordinance, it shall mean the 2016 Edition of the California Fire Code adopted by the California Building Standards Commission and published as the 2016 Edition of the California Fire Code, including Foresthill Fire District amendments thereto.
- 2) Wherever the word "2016 California Fire Code" is used it shall also mean State of California Building Standards Code, Title 24 of the California Code of Regulations, Part 9.
- 3) Wherever the word "2016 California Building Code" is used it shall also mean State of California Building Standards Code, Title 24 of the California Code of Regulations, Part 2.
- 4) Wherever the word "2016 California Residential Building Code" is used it shall also mean State of California Building Standards Code, Title 24 of the California Code of Regulations, Part 2.5.
- 5) Wherever the word "District" is used in the Fire Code, it shall mean the Foresthill Fire District.
- 6) Wherever the words "Fire Code Official" or "Fire Chief" are used in the Fire Code, they shall mean the Fire Chief of the Foresthill Fire District, or his/her designated representatives.
- 7) Wherever the words "Fire Marshal" are used in the Fire Code, they shall mean the Fire Chief of the Foresthill Fire District, or his/her designated representatives.

REPEAL OF CONFLICTING ORDINANCES:

All former fire prevention ordinances or parts thereof conflicting or inconsistent with the provisions of this chapter or of the code adopted by this chapter are repealed.

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15.04.510 Fire Code adopted.

Adopt the California Fire Code (CFC) and Appendices, 2016 edition, including, the administrative provisions in the California Fire Code, chapter 1, division II, including sections 103 and 108, based on the 2015 International Fire Code, as published by the International Code Council (ICC), as adopted and amended by the California State Fire Marshal in the California Building Standards Code, California Code of Regulations, title 24, part 9.

15.04.520 Fire Code amended.

The California Fire Code adopted in section 15.04.510 is modified, amended and/or supplemented as set out in sections 15.04.530 through 15.04.640.

15.04.530 Department of fire prevention.

Section 103.1 - General. Replace *section 103.1* of the CFC with the following section:

Section 103.1 - General.

The chief of a fire department/district, with the written approval of the board of directors of the particular fire department, is authorized to make and enforce such rules and regulations for the prevention and control of fires and fire hazards as may be necessary from time to time to carry out the intent of this code. Three certified copies of such rules and regulations shall be filed with the clerk of the jurisdiction and shall be in effect immediately thereafter. Pursuant to Health and Safety Code section 13869.7, rules and regulations that involve building standards will be valid when approved by the board of supervisors.

15.04.540 Fire appeals board.

Section 108 - Board of appeals. Replace the phrase "board of appeals" with "Fire appeals board".

Section 108.1 - Board of appeals established. Replace *section 108.1* of the CFC with the following section:

Section 108.1 - Fire appeals board established.

In order to determine the suitability of alternate materials and type of construction and to provide for reasonable interpretation of the provisions of this code, there is hereby appointed a fire appeals board consisting of the board of directors of each fire protection district for matters within their jurisdiction and the Placer County building appeals board in the remaining areas of the county. The chief shall be a non-voting ex-officio member of the board and shall act as secretary to the board. The board shall adopt reasonable rules and regulations for conducting its investigations and shall render all decisions and findings in writing to the chief with a duplicate copy to the

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appellant and may recommend to the board of supervisors such new legislation as is consistent therewith.

Section 108.3 – Qualifications. Replace the phrase “board of appeals” with “fire appeals board.”

15.04.550 Violations.

Section 109.3 – Notice of violation. Add the following to *section 109.3* of the CFC:

The chief of any fire department/district within the county or his/her authorized representatives shall have authority to enforce this code and issue citations for violations in their respective jurisdiction.

15.04.560 Fire code general requirements.

Section 301.1 – Scope. Add the following to *section 301.1* of the CFC:

The CFC as adopted above with approved amendments and appendix chapters, and all State Fire Marshal codes delegated to local agencies, are to be enforced by the chief of each fire district, CSA, or as designated by contract. In the absence of the above, the Placer County Fire Warden shall act as the county fire marshal. Where provisions in the CFC conflict with other statutes/regulations or county ordinances, including, but not limited to, the Placer County Land Development Manual, the most restrictive shall govern.

Pursuant to Health and Safety Code section 13869.7, all fire district amendments to the CFC will be valid after such amendments are first authorized by the fire district board and then approved by the board of supervisors.

15.04.570 Definitions.

Section 202 – General definitions. Add the following definitions to *section 202* of the CFC:

Access restrictions: Access is for emergency firefighting equipment only.

Approved gates: Any gate approved for emergency access and residential egress/evacuation, shall be manually opening with no lock or latch requiring special knowledge; or any gate approved by authority having jurisdiction.

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Fire hydrant: A hydrant supplied by a 6-inch or larger branch line, one or more pumper connection (4 1/2 inch) and 2 or more 2 1/2 inch outlets, capable of supplying required fire flow for at least 2 hours.

Emergency vehicle access and occupant emergency egress/evacuation roads: Use - Access for emergency vehicles during an emergency.

Emergency egress/evacuation for residents during an emergency, Size: Roadways shall meet the requirements of the local authority having jurisdiction, but shall not be less than the current requirements set forth in this code and in the regulations adopted pursuant to Public Resources Code section 4290.

Fire department access gates: Use - Fire Department access to open lands and vegetated areas for the purpose of extinguishing a vegetation fire. Size - Minimum 12' wide opening with 15' vertical clearance.

15.04.580 Fire apparatus access road.

Section 503.2.1 - Dimensions. Add the following to section 503.2.1:

Driveways for single lot residential access may be 12' in width as approved by the authority having jurisdiction.

Section 503.2.4 - Turning Radius. Replace *section 503.2.4* of the CFC with the following section:

Section 503.2.4 - Turning Radius.

The inside turning radius for a fire access road shall be 30 feet or greater. The outside turning radius for an access road shall be 50 feet or greater.

Section 503.6 Security gates. Add the following to *section 503.6* of the CFC:

Private road gated entrance:

1. Gate openings to be 2' wider than the roadway served.
2. Emergency vehicle access shall be provided by both a "Knox" over-ride switch and an approved emergency radio frequency gate opening device (Click2Enter type) or other device approved by the authority district.
3. An approved hammerhead, turn-around bulb or other means of turn-around shall be provided on the entry side of the gate.
4. Gates shall automatically open from the interior without use of a special code or device. (Magnetic strip or pressure pad assemblies are acceptable).

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5. All electric gates shall fail in the open position, i.e. loss of power, battery failure. All gates shall be equipped, at a minimum, with 12 hour battery backup.
6. Vertical clearances shall be no less than 15'.
7. Gate shall be located no closer than 30' from the intersecting roadway ultimate edge of pavement.
8. Provide a separate personnel gate or opening sized and surfaced to allow for pedestrian and accessibility access.
9. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.

Residential driveway gated entrance:

Gated residential driveways shall be provided with fire department access locks or switches as approved by the authority having jurisdiction.

15.04.590 Automatic sprinkler systems.

Section 903.2 - Where required. Add the following to section 903.2 of the CFC:

In all occupancies, except Group R, Division 3 and Group U Occupancies, an approved automatic sprinkler system shall be installed where the occupancy/building has 3,600 or more square feet of total floor area, except where other sections of the CFC or the California State Fire Marshal's regulations, and/or local fire district ordinances applicable to a project are more restrictive; then, the more restrictive shall apply. Where additions increase the total size of the building to 3,600 square feet or more, the addition and the existing occupancy/building shall be provided with an approved automatic sprinkler system. Fire separation areas shall not be used to reduce this requirement.

Section 903.3.1.3 - NFPA 13D sprinkler systems. Add the following to section 903.3.1.3 of the CFC:

Automatic sprinkler systems installed in one- and two-family dwellings, Group R-3 and R-4 congregate living facilities and townhouses shall be permitted to be installed throughout in accordance with the latest edition of NFPA Standard 13D and shall be equipped with a residential fire sprinkler water flow switch and interconnection to the residential smoke detector alarm system as defined in the building services division policy manual.

Section 903.4 - Sprinkler system supervision and alarms. Replace section 903.4 of the CFC with the following section:

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Section 903.4 - Sprinkler system supervision and alarms.

All valves controlling the water supply for automatic sprinkler systems and water-flow switches on all sprinkler systems shall be electrically supervised. Valve supervision, water-flow alarm, fire alarm systems, and trouble signals shall be distinctly different and shall be automatically transmitted to an approved central station.

Exception: Group R, Division 3 Occupancies will be monitored if required by the local fire district and/or authority having jurisdiction.

15.04.600 Fire alarm and detection systems.

Section 907.2 of the CFC - Where required - New buildings and structures. Replace section 907.2 of the CFC with the following section:

Section 907.2 of the CFC - Where required - New buildings and structures.

All occupancies except Group R, Division 3 and Group U occupancies shall have an approved automatic fire alarm system installed when the occupancy/building has 1,500 square feet or more of total floor area unless other sections of the CFC or California State Fire Marshal's regulations are more restrictive, then the more restrictive shall apply. Fire alarm systems shall be in accordance with section 907 of the CFC or the current edition of NFPA 72 if the specific occupancy is not covered in the CFC. Where additions increase the total size of the building to 1,500 square feet or more, the addition and the existing occupancy/building shall be provided with an approved automatic fire alarm system.

Additionally, all A, E, H, I and M occupancies shall have an automatic smoke/heat detection system installed in addition to any other system(s) required by this code. Where additions increase the total size of the building to 1,500 square feet or more, the addition and the existing occupancy/building shall be provided with an approved automatic smoke/heat detection system.

Fire alarm control panels in new buildings shall be sized to allow for maximum number of anticipated devices at build-out.

All automatic smoke and heat detection systems installed in addition to any other system(s) required by this code shall be automatically transmitted to an approved central station.

15.04.610 Tire storage.

Sections 3201.1 - Scope, 3405.1- Individual piles, and 3409.1 - Pile dimensions. Add the following item to sections 3201.1, 3405.1, and 3409.1 of the CFC:

Tires: No person shall pile, cause to be piled, or maintain any pile of tires (of any manufactured material) at a height greater than ten (10) feet, except in approved horizontal storage racks, measured in all cases from the ground level. Tires shall be neatly piled and in no case shall any one pile occupy more than two hundred (200) square feet of floor or lot area. An aisle of at least ten (10) feet shall be maintained at all times between the piles in such a manner as to allow free access.

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15.04.620 Flammable and combustible liquids.

Section 5701.1 - Scope and Application. Replace *section 5701.1* of the CFC with the following section:

Section 5701.1 - Scope and Application.

It shall be unlawful to store flammable liquids as defined in chapter 57 of the International Fire Code, including gasoline and other motor fuels, in above-ground storage containers, either portable or installed, in an RS, RM, RA, RF, F or AE zoned area on a parcel of less than ten (10) acres. In areas where above ground storage is permitted, minimum distances from property lines and structures for a tank of any type shall be not less than 50 feet. The limitations/prohibitions of this section shall also apply to areas in Squaw Valley designated as Low Density Residential (LDR), High Density Residential (HDR), Forest-Recreation or Conservation Preserve. In addition, the limitations/prohibitions of this section shall apply to areas in the Lake Tahoe Basin which are designated as Tourist/Residential, Tourist, Residential, Recreation and Conservation.

Any above-ground storage must be approved, in writing, by an official of the appropriate fire protection department/district. This section shall not be applicable to portable containers suitable for such storage of 5 gallons or less.

Section 5704.2.9.6.1 - Locations Where Above-ground Tanks are Prohibited. Replace *section 5704.2.9.6.1* of the CFC with the following section:

Section 5704.2.9.6.1 - Locations Where Above-ground Tanks are Prohibited.

Storage of Class I and/or Class II flammable liquids in above-ground tanks outside of buildings is prohibited unless approved by the fire chief having jurisdiction, using standards not less than as prescribed in the CFC or recognized equivalent.

Section 5706.4 - Bulk Plants or Terminals. Replace *section 5706.4* of the CFC with the following section:

Section 5706.4 - Bulk Plants or Terminals.

No new bulk plant shall be constructed within the limits established by the Placer County zoning ordinance, as limits of the districts in which such plants are prohibited. Where allowed, portions of properties where flammable and combustible liquids are received by tank vessels, pipelines, tank cars, or tank vehicles and are stored or blended in bulk for the purpose of distributing such liquids by tank vessels, pipelines, tank cars, tank vehicles, or containers shall be in accordance with sections 5706.4.1 through 5706.4.10.4.

15.04.630 Fire hydrants

Appendix C - Fire Hydrant Locations and Distribution. Replace *Table C102.1* of the CFC with the following table:

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TABLE C 102.1
NUMBER AND DISTRIBUTION OF FIRE HYDRANTS

FIRE-FLOW REQUIREMENT (gpm)		AVERAGE SPACING BETWEEN HYDRANTS^{1,2,3} (feet)⁶	MAXIMUM DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT⁴
X 3.785 for L/min.	MINIMUM NO. OF HYDRANTS	X 304.8 for mm	
0-1,000	1	300	250
1,000 -1,750	2	300	250
2,000 - 2,250	2	300	225
2,500	3	300	225
3,000	3	300	225
3,500 - 4,000	4	300	210
4,500 - 5,000	5	300	180
5,500	6	300	180
6,000	6	250	150
6,500 - 7,000	7	250	150
7,500 or more	8 or more ⁵	200	120

1. Reduce by 100 feet for dead-end streets or roads.
2. Where streets are provided with median dividers that cannot be crossed by fire fighters pulling hose lines, or arterial streets are provided with four or more traffic lanes and have a traffic count of more than 30,000 vehicles per day, hydrant spacing shall average 500 feet (152.4 m) on each side of the street and be arranged on an alternating basis up to a fire-flow requirement of 7,000 gallons per minute (26,495 L/min.) and 400 feet (122 m) for higher fire-flow requirements.
3. Where new water mains are extended along streets where hydrants are not needed for protection of structures or similar fire problems, fire hydrants shall be provided at not less than 1,000-foot (305 m) spacing to provide for transportation hazards.
4. Reduce by 50 feet (15,240 mm) for dead-end streets or roads.
5. One hydrant for each 1,000 gallons per minute (3785 L/min.) or fraction thereof.
6. Spacing may be increased to 500 feet for single-family dwelling residential subdivisions.

15.04.640 Fire apparatus access roads – Appendix D.

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Section D102.1 – Access and loading. Replace *section D102.1* of the CFC with the following section:

Section D102.1 – Access and loading.

Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with asphalt, concrete, or other approved driving surface capable of supporting the imposed load of fire apparatus as determined by the fire authority having jurisdiction, but no less than 75,000 pounds.

Section D103.1 – Access road width with a hydrant. Add the following to *section D103.1* of the CFC:

Exception: R-3 Occupancies.

Section D103.2 – Grade. Replace *section D103.2* of the CFC with the following section:

Section D103.2 – Grade.

Fire apparatus access roads shall not exceed 10 percent in grade.

Exception 1: In areas above 5,000 ft. elevation, driveways of R-3 Occupancies shall not exceed 12 percent in grade, unless otherwise authorized by the fire chief. If approved, the driveway slope may exceed 12% (12 vertical feet to one hundred horizontal feet), provided the driveway meets or exceeds the prescribed minimum width, and is no longer in length than the maximum permissible height of the structure within such jurisdiction, but in no case more than 35 feet, and has the appropriate transitional slopes at the edge of pavement to property line, and has no significant articulation greater than 45% angle in its entire length).

Exception 2: In areas below 5,000 ft. elevation, driveways of R-3 Occupancies shall not exceed 16% unless authorized by the fire chief.

Section D103.5 – Fire apparatus access road gates. Delete *section D103.5* of the CFC.

Section D104 - Commercial and Industrial Developments. Replace *section D104.2* of the CFC with the following section:

Section D104.2 - Buildings exceeding 62,000 square feet in area.

Buildings or facilities having a gross building area of more than 62,000 square feet (5,760 m²) shall be provided with two separate and approved fire apparatus access roads.

Section D107.1 - One- or Two-Family Dwelling Residential Developments. Replace *section D107.1* of the CFC with the following section:

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Section D107.1 - One -or Two-Family Dwelling Residential Developments.

Developments of one- or two-family dwellings where the number of dwelling units exceeds 30 shall be provided with two separate and approved fire apparatus access roads and shall meet the requirements of section D104.3.

15.04.670 California Referenced Standards Code adopted.

Adopt the California Referenced Standards Code, 2016 edition, as published by the International Code Council (ICC) as adopted and amended by the California Building Standards Commission in the California Building Standards Code, California Code of Regulations, title 24, part 12.

15.04.680 Codes and standards adopted as reference.

The following codes and standards are adopted as reference documents and may be used by the chief building official in accordance with California Building Code sections 104.10 and 104.11 in a case by case review process:

A. International Property Maintenance Code, 2015 edition, published by ICC, as modified by the California Health and Safety Code, Title 25 of the California Code of Regulations, and as further modified in Placer County Code, chapter 15, article 15.56.

B. The latest edition of the following: Uniform Swimming Pool Code, Spa and Hot Tub Code; the International Pool and Spa code; published supplements to the International Codes; the International Residential Code; the International Fuel Gas Code; the Urban Wildland Interface Code; the Uniform Sign Code; IBC Appendix Chapters; National Fire Protection Association Standards; the Uniform Solar Energy Code; American National Standards, published by American National Standards Institute, Inc.; Masonry Fireplaces, Masonry Institute; and other Nationally recognized Standards.

SECTION 4 SCOPE:

Except as set forth in this ordinance, all other provisions of California Fire Code remain in full force and effect.

SECTION 5 INTERNATIONAL FIRE CODE ADOPTED BY REFERENCE

The 2015 International Fire Code, including appendices A, B, E, F, G, and K, published by the International Code Council, is hereby adopted by reference.

SECTION 6 SEVERABILITY:

If any section, subsection, clause, phrase, or portion of this ordinance is for any reason held to be invalid or unconstitutional by the decision of any court or competent jurisdiction, such decision shall not affect the validity of the remaining portions of this ordinance. The Foresthill Fire District Fire Board hereby declares that it would have adopted this ordinance and each section, subsection, sentence, clause, phrase or portion thereof, irrespective of the fact that any one or more sections, subsections, clauses, phrases or portions be declared invalid or unconstitutional.

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SECTION 7 EFFECTIVE DATE:

This ordinance shall become effective July 1, 2017 provided it is published in full or in summary within twenty (20) days after its adoption in a newspaper of general circulation in the Fire District.

This ordinance was introduced and the title thereof read at the regular meeting of the Foresthill Fire District Fire Board on June 8, 2017.

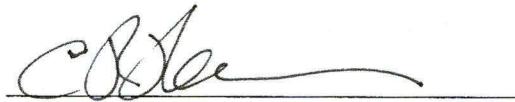
On a motion by Director Arthur, seconded by Director Reed, the foregoing ordinance was passed and adopted by the Foresthill Fire District, Fire Board, State of California, and this 8th day of June, 2017 by the following vote:

AYES: Director(s): Reams, Greene, Reed, Harkness, Arthur

NOES: Director(s): 0

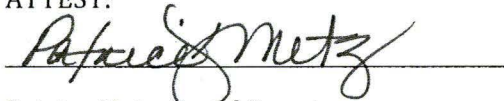
ABSTAIN: Director(s): 0

ABSENT: Director(s): 0



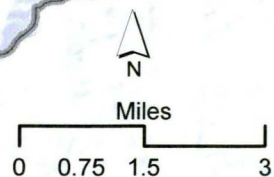
Chris Reams, Fire Board President

ATTEST:



Patrice Metz, Board Secretary

FORESTHILL FPD



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community